

NOTICE OF ALLOWANCE

1. Amendment C, received on 23 June 2009, has been entered into record. In this amendment, claims 1, 6, 8, and 10 have been amended, and claims 2, 3, 7, 9, and 11-16 have been canceled.
2. Claims 1, 4, 6, 8, and 10 are presented for examination.

Response to Arguments

3. Applicant's arguments filed 23 June 2009, with respect to claims 1, 4, 6, 8, and 10 have been fully considered and are persuasive. The rejection of 8 April 2009 has been withdrawn.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Aaron Waxler on 27 October 2009.

The application has been amended as follows:

In claim 1, after line 15, insert:

"where $0 \leq x \leq j$ and $0 \leq y \leq j$."

In claim 6, after line 16, insert:

where $0 \leq x \leq j$ and $0 \leq y \leq j$."

Allowable Subject Matter

5. Claims 1, 4, 6, 8, and 10 are allowed.
6. The following is an examiner's statement of reasons for allowance:

Claims 1 and 6 disclose of "receiving an address comprised of a series of parameters a_0, \dots, a_n and applying an encryption method on at least one parameter to produce an encrypted series of parameters a'_0, \dots, a'_n according to the series:

$$a'_j = \begin{cases} f_{n-j+1}(a_j) & j = n \\ f_{n-j+1}(a_j + f_{n-j}(a_{j+1})) & j = 0, \dots, n-1 \end{cases}$$

wherein encryption function f_{j+1} and encryption function f_j are distinct for all values of j and for at least a first parameter in said series of parameters, $a'_x \neq a_x$ and for at least a second parameter in said series of parameters, $a'_y = a_y$, where $0 \leq x \leq j$ and $0 \leq y \leq j$." These features, in combination with the other limitations in the claims, are not anticipated by, nor made obvious over, the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
- a. Candelore et al. (US Patent 7,124,303 B2) discloses a system and method for elementary stream partial encryption.
 - b. Kamei (US 2007/0118763 A1) discloses a system and method for creating a protected executable program.
 - c. Kneissler (US 2008/0019528 A1) discloses a system and method for a multicast key issuing scheme.
 - d. Oxford (US 2009/0052662 A1) discloses a system and method for a recursive security protocol for digital copyright control.
 - e. Wollnik et al. (US 2008/0229115 A1) discloses a system and method for provision of functionality via obfuscated software.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sarah Su whose telephone number is (571) 270-3835. The examiner can normally be reached on Monday through Friday 7:30AM-5:00PM EST..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Korzuch can be reached on (571) 272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/William R. Korzuch/
Supervisory Patent Examiner, Art Unit 2431

/Sarah Su/
Examiner, Art Unit 2431